

CASING PIPE REQUIREMENTS						
CARRIER PIPE DIA.	MINIMUM CASING PIPE DIA.	MINIMUM WALL THICKNESS				
		CRITERIA WITHIN RAILROAD RIGHT OF WAY		CRITERIA WITHIN CITY OR VDOT RIGHT OF WAY		MINIMUM NUMBER OF CASING SPACER RUNNERS
		R.C.P. PROTECTIVE COATING	STEEL WITH PROTECTIVE COATING	R.C.P.	STEEL	
4"	12"	3.0	0.375	3.0	0.250	4
6"	18"	3.0	0.375	3.0	0.250	4
8"	18"	3.0	0.375	3.0	0.250	4
10"	20"	3.0	0.375	3.0	0.250	4
12"	24"	3.5	0.375	3.5	0.250	4
16"	30"	4.0	0.500	4.0	0.375	6
18"	30"	4.0	0.500	4.0	0.375	6
20"	36"	4.5	0.563	4.5	0.375	6
24"	42"	5.0	0.625	5.0	0.500	6

NOTES:

1. SLOPE CASING PIPE AT MINIMUM GRADE OF 1/16" PER FOOT
2. PROVIDE 2" WEEP HOLE EACH END.
3. INCREASING THICKNESS OF CASING MUST BE CONSIDERED WHERE BORE LENGTHS EXCEED 125 FEET.

	CITY OF NORFOLK – DEPARTMENT OF UTILITIES STANDARD DETAILS		SCALE: NOT TO SCALE
	WATER & FM CASTING REQUIRMENTS		DRAWING NO. CS 40B
DATE: 10/05			